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Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)****Degussa Verwaltungs-GmbH**Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) **November 3, 2005**☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other \_\_\_\_\_**2. Name and address of receiving party(ies)**Name: **Umicore AG & Co. KG**

Internal Address: \_\_\_\_\_

Street Address: **Rodenbacher Chaussee 4**City: **Hanau-Wolfgang**

State: \_\_\_\_\_

Country: **Germany** Zip: **D-63403**Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

**09/910,959****09/853,902****09/907,961****09/933,121**

B. Patent No.(s)

**6,649,559**Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: **William D. Schmidt**

Internal Address: \_\_\_\_\_

Street Address: **488 Madison Avenue**  
**19th Floor**City: **New York**State: **New York** Zip: **10022**Phone Number: **(212) 813-1600**Fax Number: **(212) 813-9600**Email Address: **wschmidt@creativity-law.com****6. Total number of applications and patents involved: Five****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 200.00**☐ Authorized to be charged by credit card☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number **11-0171**Authorized User Name **Kalow & Springut LLP****9. Signature:***William D. Schmidt*

Signature

**December 14, 2005**

Date

**William D. Schmidt, Esq. - Reg. No.: 39,492**

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

**5**Documents to be recorded (including cover sheet) should be faxed to (571) 273-01407, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$200.00 110171 09910959

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**PATENT**  
**REEL: 017115 FRAME: 0760**

# Degussa Verwaltungs-GmbH

Degussa Verwaltungs-GmbH  
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3. November 2005

## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, the undersigned entity:

**Degussa Verwaltungs-GmbH** (formerly: dmc<sup>2</sup> Degussa Metals Catalysts Cerdec AG),  
having its registered office located at Bennigsenplatz 1, 40474 Düsseldorf, Germany  
("Assignor");

### HEREBY:

1. **Sells, assigns and transfers to Umicore AG & Co. KG** (formerly: OMG AG & Co. KG), having a place of business at, Rodenbacher Chaussee 4, D-63403, Hanau-Wolfgang, Germany, its successors, assigns and legal representatives ("Assignee"), the entire right, title and interest to the extent held by Assignor for the United States of America: (i) in and to all patents listed on the attached Schedule A and all divisionals, continuations, continuings, substitutes, renewals, reissues and all other applications for patents or other related property rights in any and all countries which have been or shall be filed on any of the inventions disclosed in said patents or applications; and (ii) in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions.
2. **Authorizes** and requests the Director of Patents of the United States Patent and Trademark Office to issue to Assignee in accordance with this assignment, any and all United States Letters Patent granted on any of said inventions.
3. **Agrees** that said Assignee may apply for and receive foreign Letters Patents or rights of any other kind for said inventions, or any of them and may claim, in applications for said foreign Letters Patents or other rights, the priority of any of the

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Degussa Verwaltungs-GmbH - Sitz: Düsseldorf - Registergericht: Amtsgericht Düsseldorf, Eintragungs-Nr. HR B 48639  
Geschäftsführer: Thomas Wenzel, Norbert Westerholt  
Bankverbindung: Degussa Bank GmbH, Frankfurt am Main, BLZ 500 107 00, Konto 560 399

**PATENT**  
**REEL: 017115 FRAME: 0761**

patents or applications listed on the attached Schedule A under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement.

**ASSIGNOR:****Degussa Verwaltungs-GmbH**Date: November 3, 2005

Thomas Wenzel



Norbert Westerholt

*Sworn to before me on this 3<sup>rd</sup> day of November 2005*

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***Notary Public***

SCHEDULE A  
US Patents and US Patent Applications

Patent No.	Patent Class.	Patent No.	App. No.	App. Date	App. No.	Patent No.	Registered Applicant
13312-US	000017	AC	10.05.2001	09/852,151	23.03.2004	6,710,014	dmc2 Degussa Metals Catalysts Cerdec AG
13315-US	000095	AC	22.03.2001	09/813,933	15.04.2003	6,548,105	dmc2 Degussa Metals Catalysts Cerdec AG
13317-US	000115	AC	08.05.2001	09/850,410			dmc2 Degussa Metals Catalysts Cerdec AG
13318-US	000117	AC	20.04.2001	09/838,119	18.01.2005	6,843,971	dmc2 Degussa Metals Catalysts Cerdec AG
13320-US	000129	AC	11.04.2001	09/832,332	03.02.2004	6,684,628	dmc2 Degussa Metals Catalysts Cerdec AG
13186-US	000255	AC	16.05.2001	09/855,743	05.08.2003	6,601,381	dmc2 Degussa Metals Catalysts Cerdec AG
13326-US	000257	AC	17.08.2001	09/931,162			dmc2 Degussa Metals Catalysts Cerdec AG
13180-US	970176	AC	18.05.2001	09/859,680	03.02.2004	6,686,075	dmc2 Degussa Metals Catalysts Cerdec AG
13273-US	980033	AC	09.05.2001	09/851,417	30.03.2004	6,713,031	dmc2 Degussa Metals Catalysts Cerdec AG
13295-US	990065	AC	26.04.2001	09/842,321	11.02.2003	6,517,794	dmc2 Degussa Metals Catalysts Cerdec AG
13182-US	990082	AC	16.03.2001	09/809,355	25.05.2004	6,739,176	dmc2 Degussa Metals Catalysts Cerdec AG
13299-US	990104	AC	28.03.2001	09/818,998	25.02.2003	6,524,992	dmc2 Degussa Metals Catalysts Cerdec AG
13301-US	990133	AC	22.02.2001	09/789,718	03.02.2004	6,685,900	dmc2 Degussa Metals Catalysts Cerdec AG
13308-US	990211	AC	14.08.2001	09/928,470	05.04.2005	6,875,725	dmc2 Degussa Metals Catalysts Cerdec AG
13316-US	000111	FC	09.05.2000	09/566,981	29.04.2003	6,555,088	dmc2 Degussa Metals Catalysts Cerdec AG
13322-US	000217	FC	24.07.2001	09/910,959			dmc2 Degussa Metals Catalysts Cerdec AG
13324-US	000235	FC	14.05.2001	09/853,902			dmc2 Degussa Metals Catalysts Cerdec AG
13327-US	000321	FC	18.12.2001	09/907,961			dmc2 Degussa Metals Catalysts Cerdec AG
13328-US	000335	FC	21.08.2001	09/933,121			dmc2 Degussa Metals Catalysts Cerdec AG
13330-US	000351	FC	26.07.2001	09/912,439	18.11.2003	6,649,559	dmc2 Degussa Metals Catalysts Cerdec AG
13181-US	990021	FC	25.08.2000	09/648,343	10.02.2004	6,689,505	dmc2 Degussa Metals Catalysts Cerdec AG
13311-US	990226	FC	27.07.2001	09/915,764			dmc2 Degussa Metals Catalysts Cerdec AG
13303-US	990151	TM	04.04.2001	09/825,363	25.06.2002	6,409,794	dmc2 Degussa Metals Catalysts Cerdec AG

**File-No. Z 3040 for 2005**

I, the undersigned Dr. Norbert Zimmermann, German Notary duly admitted and sworn in with official residence at Düsseldorf, Germany, herewith authenticate the signature

- given before me by  
Mr. Thomas Wenzel,  
born on 11 April 1959  
with business address at 40474 Düsseldorf, Bennigsenplatz 1,  
personally known,
- given before me by  
Mr. Norbert Westerholt,  
born on 27 March 1963  
with business address at 40474 Düsseldorf, Bennigsenplatz 1,  
personally known.

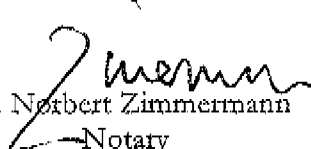
I certify and confirm that:

- dmc<sup>2</sup> Degussa Metals Catalysts Cerdec AG was a "Aktiengesellschaft" (stock corporation) with registered office at Düsseldorf, and entered with the Commercial Register at Düsseldorf under No. HRB 41906. dmc<sup>2</sup> Degussa Metals Catalysts Cerdec AG changed its company name into Degussa Verwaltungs-AG by shareholders' resolution of 11 October 2002. The change of the company name became effective upon its registration in the Commercial Register on 29 October 2002.
- Degussa Verwaltungs-AG has been transformed into a limited liability company with the company name Degussa Verwaltungs-GmbH by shareholders' resolution of 19 August 2003. The legal transformation has become effective upon its registration in the Commercial Register at Düsseldorf on 2 October 2003 under No. HRB 48639.
- Mr. Thomas Wenzel as managing director and Mr. Norbert Westerholt as managing director of Degussa Verwaltungs-GmbH are duly authorized to represent and act legally with joint authority for and on behalf of the Degussa Verwaltungs-GmbH.

I certify this upon today's inspection of the Commercial Register at the Local Court at Düsseldorf No. HRB 41609 and No. HRB 48639.

In testimony whereof I have hereunto set my hand and affixed my seal of office.

Düsseldorf, 9 November 2005

  
Dr. Norbert Zimmermann  
Notary